



SERVICE INFORMATION LETTER

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US DOT SPECIAL PERMIT AND TRANSPORT CANADA PERMITS CHANGE HYDROSTATIC TEST INTERVAL FOR PN 898 SERIES, PN 804882 SERIES, PN 806369 SERIES, PN 806371 SERIES, PN 806385 SERIES, PN 806463 SERIES, AND PN 806525 SERIES CYLINDER AND REGULATOR ASSEMBLIES

SUMMARY

US DOT Exemption E 8162 has been superseded by US DOT Special Permit SP 8162 dated May 11, 2007. US DOT-SP 8162 changes the hydrostatic test interval of affected cylinders as described herein when offered for transport or import in or to the United States. Transport Canada (TC) has issued a new permit SU 9209 dated January 30, 2008. TC-SU 9209 changes the hydrostatic test interval of affected cylinders as described herein, when offered for transport or import in or to Canada.

1. PLANNING INFORMATION

A. Effectivity

(1) Concerned equipment

This Service Information Letter applies to the Cylinder and Regulator Assemblies (CRA's) listed in Table 1.

Table 1
Affected Units

898-FT0C15	898-MT0C15	804882-14	806369-31	806371-440
898-FT0C77	898-MT0C77	804882-22	806369-32	806385-11
898-GT0C50	898-NT0C50	804882-23	806369-41	806385-12
898-HT0C22	898-NT0C77	804882-24	806371-111	806385-13
898-JT0C15	898-PT0C15	804882-33	806371-120	806385-14
898-JT0C50	898-PT0C22	804882-34	806371-121	806385-111
898-JT0C77	898-PT0C40	806369-11	806371-130	806385-141
898-KT0C15	898-PT0C77	806369-12	806371-140	806463-11
898-KT0C22	898-RT0C15	806369-21	806371-230	806463-21
898-KT0C50	898-RT0C77	806369-22	806371-311	806525-39
898-LT0C22	804882-13	806369-23	806371-340	806525-211

B. Reason

The purpose of this SIL is to inform operators of regulation changes that concern cylinders fitted on the above units.

C. Description

- (1) US DOT rule DOT-SP 8162 supersedes US DOT rule DOT-E 8162. Rule DOT-SP 8162 applies to all units manufactured after September 30, 2007.
- (2) TC Permit SU 9209 applies to all affected units manufactured after February 5, 2007 with the mark TC-SU 9209 on the cylinder.
- (3) TC Permit SU 4237 applies to all affected units with the mark TC-SU 4237 on the cylinder.
- (4) The maximum life limit of the cylinder remains the same at 15 years if the cylinder passes all inspection criteria.
- (5) The hydrostatic test interval changes (Refer to Tables 2 & 3 below).



Table 2

Hydrostatic Test Interval (when offered for transport or import in or to the United States)

US DOT Cylinder Marking	Transport Canada Cylinder Marking	Last Retest	Next Retest Interval	Subsequent Retest Interval	Cylinder Life Limit
E 8162	SU 4237	Before July 1, 2006	3 years after last retest	5 years	15 years max.
		After July 1, 2006	5 years from last retest	5 years	15 years max.
SP 8162	SU 4237	After July 1, 2006	5 years from last retest	5 years	15 years max.
SP 8162	SU 9209	See 1.C.(2)	5 years from last retest	5 years	15 years max.

Table 3

Hydrostatic Test Interval (when offered for transport or import in or to Canada)

US DOT Cylinder Marking	Transport Canada Cylinder Marking	Next Retest Interval	Subsequent Retest Interval	Cylinder Life Limit
E 8162	SU 4237	3 years from last retest	3 years	15 years max.
SP 8162	SU 4237	3 years from last retest	3 years	15 years max.
SP 8162	SU 9209	5 years from last retest	5 years	15 years max.

D. References

(1) US DOT regulations

(a) DOT-E 8162 (Superseded by US DOT-SP 8162 dated May 11, 2007)

(b) US DOT-SP 8162

NOTE: For more information refer to the US Department of Transportation regulations under the US CFR.

(2) Transport Canada regulations

(a) TC Permit SU 4237

(b) TC Permit SU 9209

NOTE: For more information refer to Subsection 31(4) of the Transportation of Dangerous Goods Act, 1992, and Permit for Equivalent Level of Safety SU 4237 dated February 26, 2008 and Permit for Equivalent Level of Safety SU 9209 dated January 30, 2007.

E. Publications Affected

Component Maintenance Manual 35-28-98 PN 898 Series, PN 804882 Series, PN 806369 Series, PN 806371 Series, PN 806385 Series, PN 806463 Series, and PN 806525 Series Cylinder and Regulator Assemblies



2. IMPACT ON MAINTAINABILITY

A. When subject to the United States Department of Transportation Regulations

(1) Cylinders retested prior to July 1, 2006

- (a) These cylinders must be inspected and hydrostatically tested within three (3) years of the retest date marked on the cylinder.
- (b) AVOX Systems recommends that the regulator be overhauled every six (6) years.

(2) Cylinders retested after July 1, 2006

- (a) These cylinders must be inspected and hydrostatically tested within five (5) years of the retest date on the cylinder.
- (b) AVOX Systems recommends an overhaul of the regulator every five (5) years.

B. When subject to Transport Canada Dangerous Goods Regulations

(1) The Mark TC-SU 4237 is on the cylinder

- (a) These cylinders must be inspected and hydrostatically tested within three (3) years of the retest date marked on the cylinder.
- (b) AVOX Systems recommends that the regulator be overhauled every six (6) years.

(2) The Mark TC-SU 9209 is on the cylinder

- (a) These cylinders must be inspected and hydrostatically tested within five (5) years of the retest date on the cylinder.
- (b) AVOX Systems recommends an overhaul of the regulator every five (5) years.